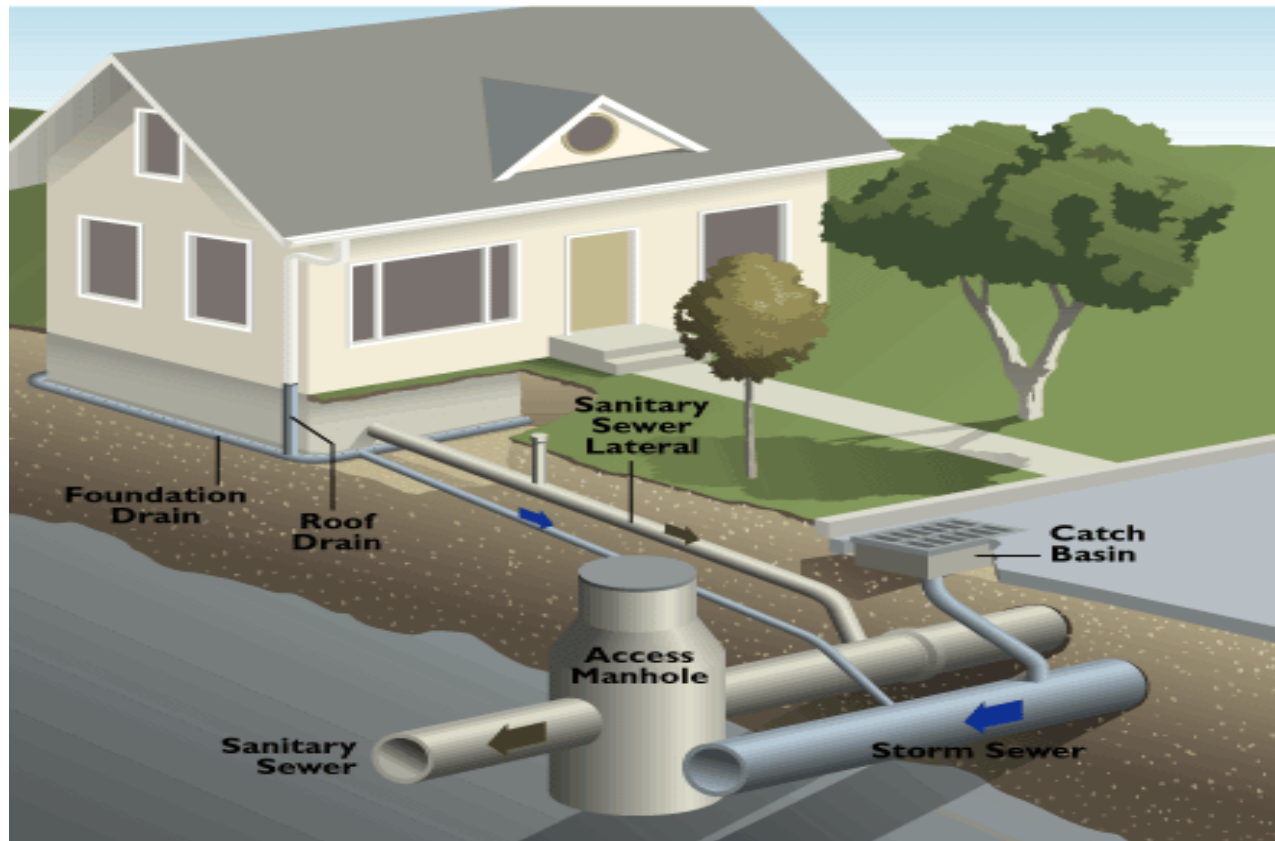


City of Hampton Public Works Wastewater Division Services



Agenda :

OWNERS RESPONSIBILITY VS. CITY RESPONSIBILITY

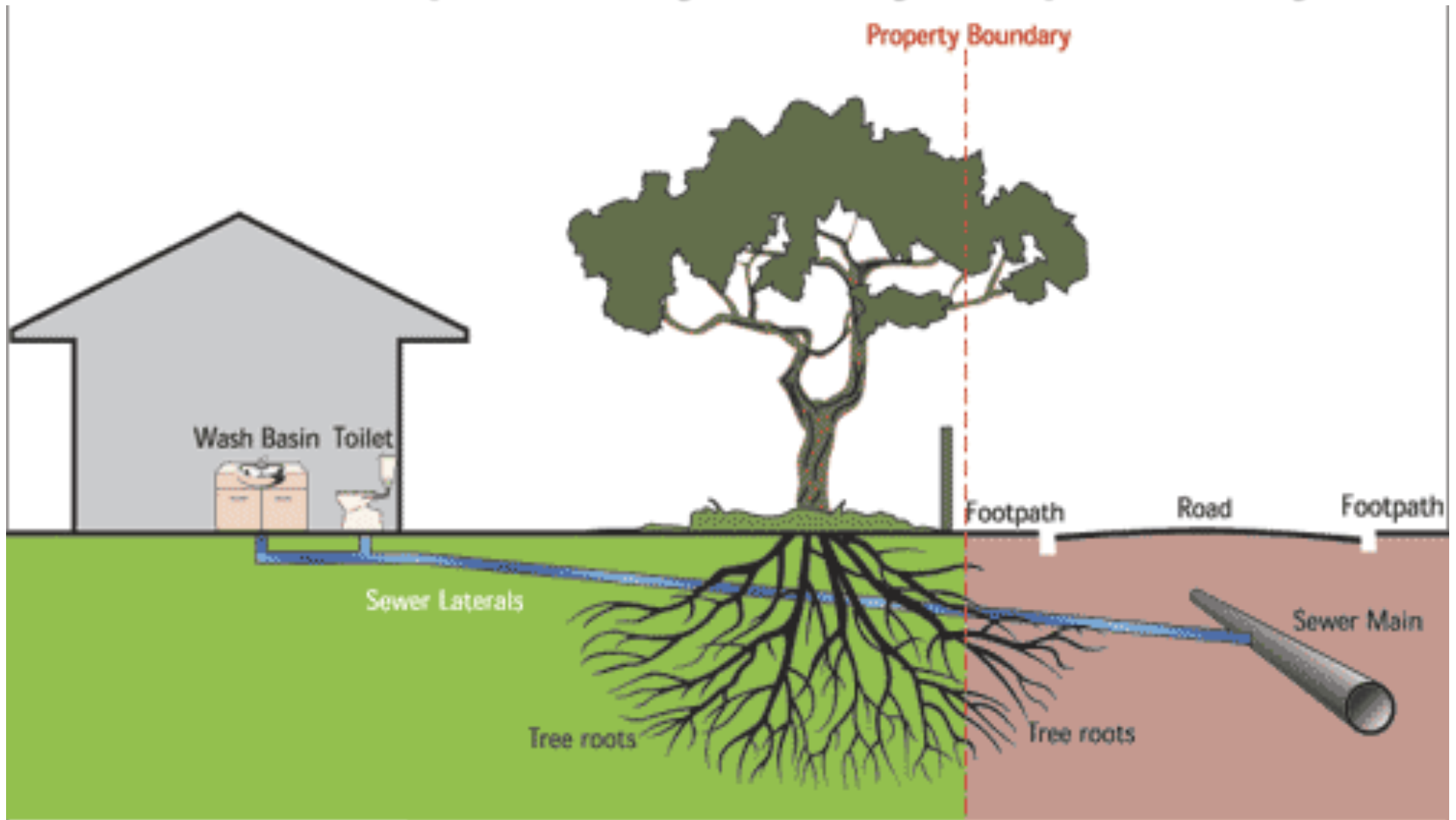
WHAT A WASTEWATER SYSTEM LOOKS LIKE

**REASONS FOR A STOPPAGE / BACK-UP / OVERFLOW
(FOG – FATS~OIL~GREASE, ROOTS, UTILITIES)**

IDENTIFYING A CLEANOUT / ACCESS POINT

HOW WE INVESTIGATE AND REPAIR PROBLEMS

Owner Responsibility vs. City Responsibility



OWNER'S RESPONSIBILITY

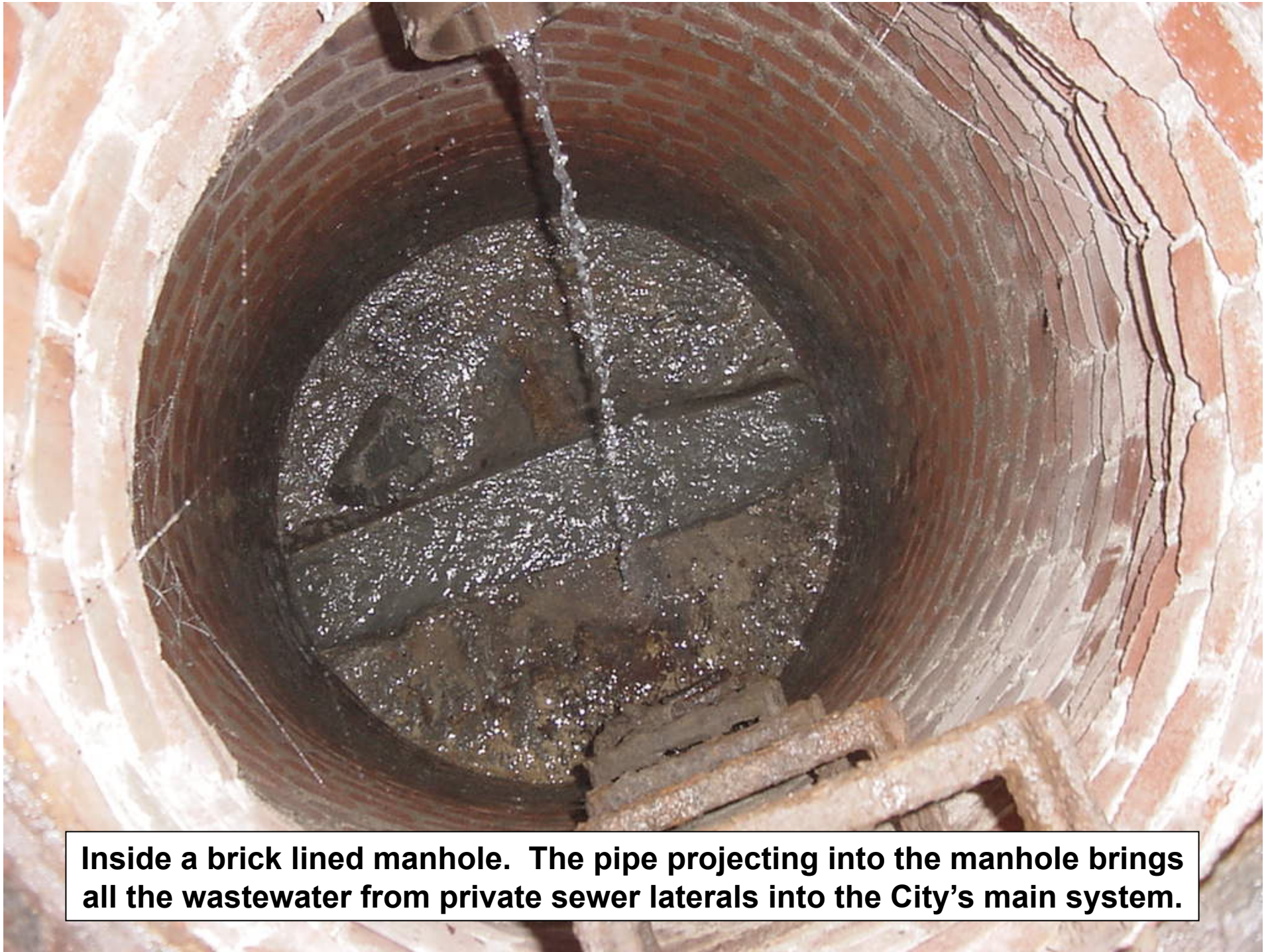
Always call 311 before calling a plumber if you have a sewer stoppage.
The City of Hampton will dispatch a team to investigate and resolve the issue or advise you of a solution.

CITY'S RESPONSIBILITY

Manholes: A Look Inside



Have you ever wondered what the sewer system really looks like?



Inside a brick lined manhole. The pipe projecting into the manhole brings all the wastewater from private sewer laterals into the City's main system.



Inside a sewer pipe.

24.8 FT.

CITY OF HAMPTON 276 KELLY AVE E

225-270 <- 225-271 PE

REINFORCED PLASTIC PIPE (TRUSE P CIRCULAR B)

**There are several reasons you may experience a backup.
Collapsed or broken pipe shown here could be a cause.**

91.9 FT.

CITY OF HAMPSHIRE 4TH ST N
832-130 < 832-131
UNTRIFIED CLAY PIPE CIRCULAR 6

Tree roots can also cause sewer backups by blocking the flow of the sanitary sewer.



NOV 17 2011
CITY OF HARTFORD CHERRY AVE
200-405-1111
DISTRICT 10

One of the biggest causes of sewer backups is fats, oils, and grease (FOG). Never pour FOG in the sewer system. Instead, pour it in a heat safe container, like an old soup can, let it cool in the freezer, and throw it in the trash.



rear 157 Linden Ave
Gas line thru sewer
main line
clay
0-5ft
sidewalk

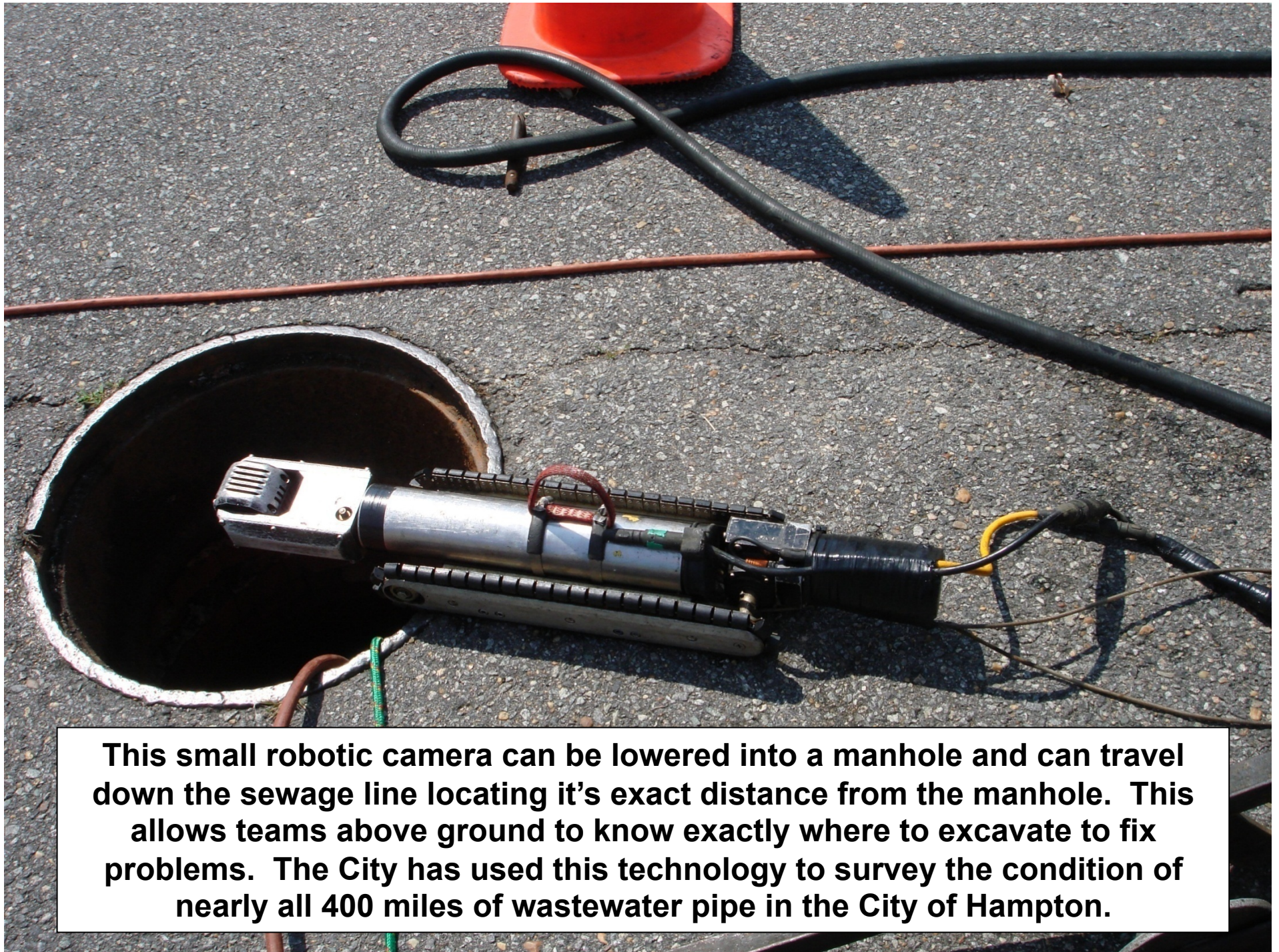
On occasion lines from other utilities are directionally drilled through the sewer system and can create blockages.



When you call to report a stoppage a 311 operator may ask you the location of your clean out. Here are some examples of a clean out. They are usually located in the front yard near the sidewalk or curb and gutter.



In order to discover the cause of a blockage, the Hampton Wastewater Department uses cleaning strategies and CCTV cameras to investigate issues.



This small robotic camera can be lowered into a manhole and can travel down the sewage line locating it's exact distance from the manhole. This allows teams above ground to know exactly where to excavate to fix problems. The City has used this technology to survey the condition of nearly all 400 miles of wastewater pipe in the City of Hampton.



For more information dial 311 from your home phone. If outside the area or using a cell phone dial (757) 727-8311.